



User Guide

v6 Firmware - updated for all units sold in 2013

Introduction

Poacher Catcher Intruder Alert devices use a miniature Passive Infra-Red Receiver (PIR) to detect the presence of a warm body moving across the detection range of the sensor.

If a moving body is detected, Poacher Catcher will automatically call one or more pre-programmed numbers before returning to a monitoring state.

Poacher Catcher is suitable for use both indoors and out.



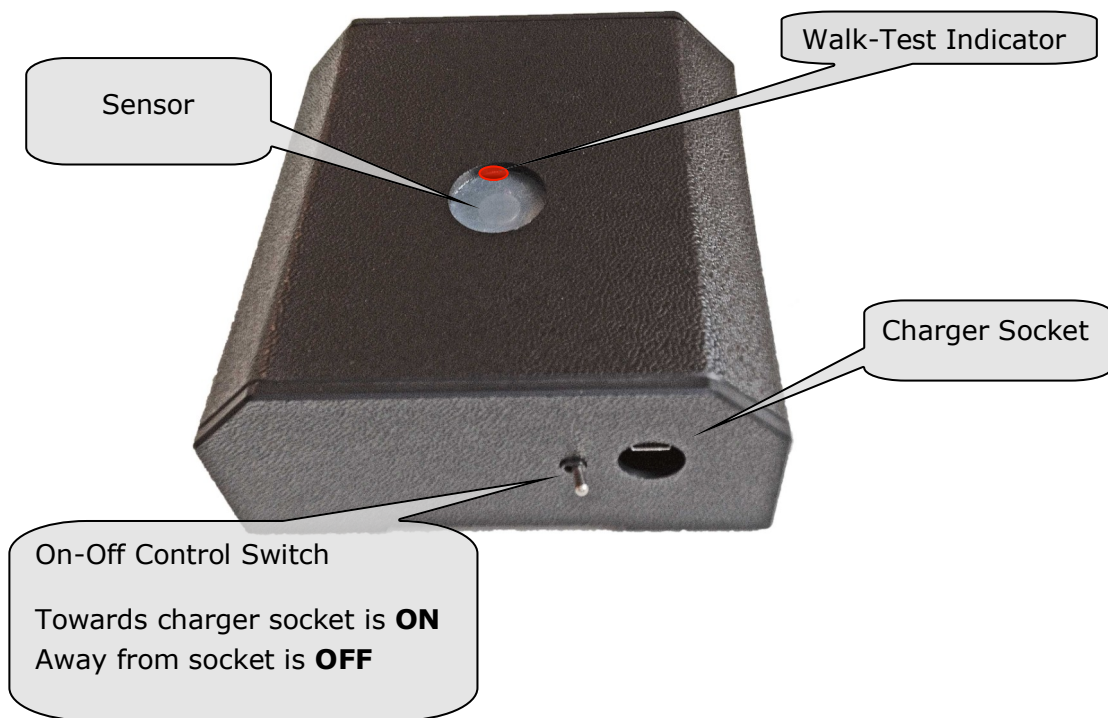
Manufacturer Information

Poacher Catcher Intruder Alert devices are manufactured in the UK by **AK Stevenson Ltd**:

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Greenfields,
Hudnall Lane,
Little Gaddesden,
Herts
HP4 1QE.

Mob: 07775 602766 www.poachercatcher.co.uk

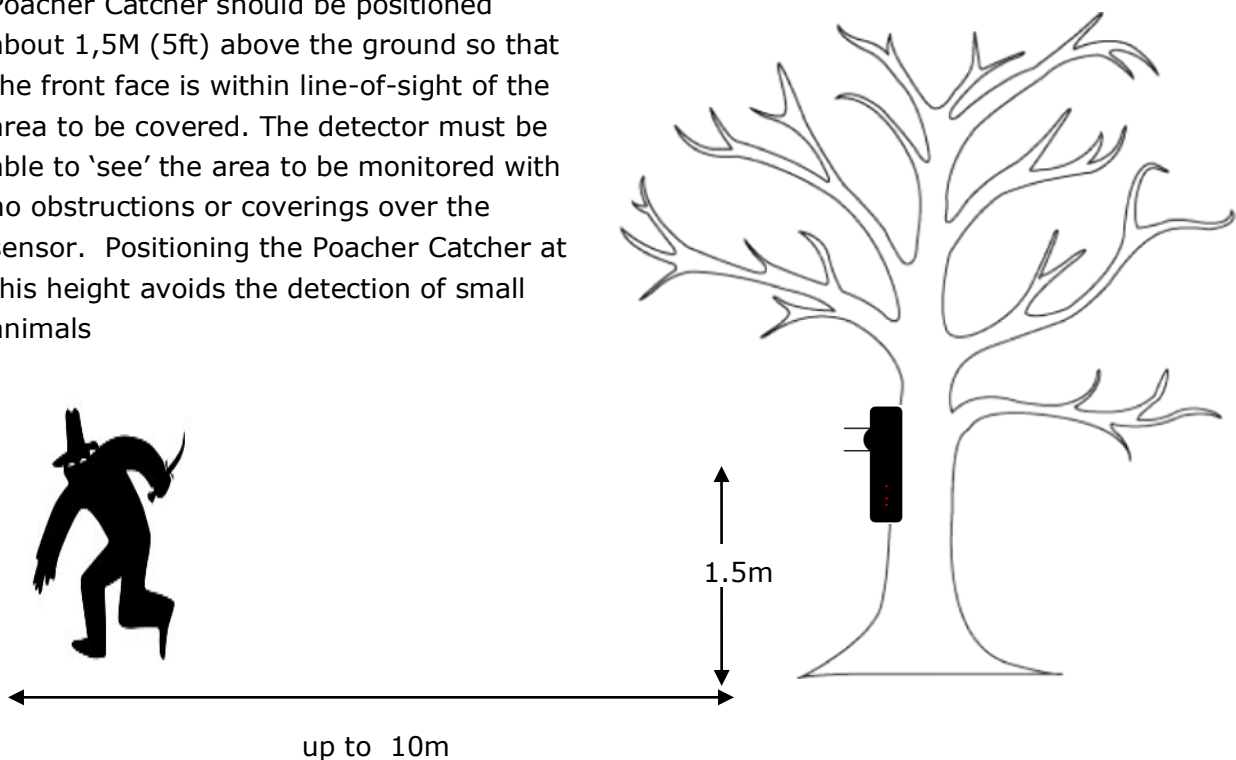
Poacher Catcher



Positioning

For normal operation, Poacher Catcher requires no adjustment or settings to be altered.

Poacher Catcher should be positioned about 1,5M (5ft) above the ground so that the front face is within line-of-sight of the area to be covered. The detector must be able to 'see' the area to be monitored with no obstructions or coverings over the sensor. Positioning the Poacher Catcher at this height avoids the detection of small animals



Quick set Up Guide

1. Position Poacher Catcher about 1.5M above the ground. You may mount Poacher Catcher horizontally or vertically: whichever gives the best result in your specific situation.
2. Make sure that the sensor is clear of obstruction and is aligned in the direction that you want to monitor.
3. Poacher Catcher can detect intruders up to 10M away but keep in mind that sensitivity depends on the size of the 'body' and speed of movement. Poacher Catchers are most sensitive to bodies moving ACROSS the field of view rather than towards or away.
4. When you turn Poacher Catcher ON there is a **30 second Walk-Test period** before the system becomes active (see point 5 for instructions). This is to allow you ample time to ensure correct positioning using the Walk-Test light.

A Walk-Test is the deliberate activation of the sensor within the Poacher Catcher to ensure correct positioning. This can be done by walking in front of the unit. The Walk Test light will stay on whilst it detects movement and will stay on until movement ceases. Poacher Catcher will not make any calls within this Walk-Test period

5. Walk-Test Instructions:

- i) Switch Poacher Catcher ON
 - ii) The system needs to initialise: The Walk-Test light will flash 3 times and then be solid for 7 seconds. The light will then flash once per second
 - iii) You should now perform your **Walk-Test** - this is the deliberate activation of the sensor by walking in front of the unit. The walk test light will stay on whilst it detects movement
 - iv) When you are happy that Poacher Catcher is positioned correctly, leave unit in position with NO activations for 30 seconds. After this 30 second period the light will stop flashing and the Poacher Catcher becomes 'live'
6. After the Walk-Test period the light will not flash, even when an intruder has been detected. Your Poacher Catcher is now ready for use.

IF YOU ARE USING A PAY-AS-YOU-GO SIM CARD IN YOUR POACHER CATCHER PLEASE ENSURE THAT IT MAKES AT LEAST ONE COMPLETED CALL OR TEXT EVERY 3 MONTHS. IF NOT YOUR NETWORK PROVIDER MAY DE-REGISTER THE SIM CARD.

Poacher Catcher relies on there being a mobile network signal present. It is the users responsibility to ensure that there is a reliable signal for your chosen network in the area you are going to use your Poacher Catcher. Without a signal, even if Poacher Catcher detects an intruder, it will not be able to send you an alert.

Operation Information

Poacher Catcher uses a sensitive Passive Infra Red (PIR) to detect the movement of heat moving across its viewing range.

Poacher Catcher will detect bodies and vehicles. However to eliminate false alarms, please ensure Poacher Catcher is not in an environment where heat differentials may be detected. (For example, pointed towards a radiator or other heat source).

From detection of a body, the first recipient should receive a call within about 30 seconds. If the unit is on charge this is reduced to 10 seconds. Poacher Catcher will always automatically call **all** pre-programmed numbers in sequence.

If the switch is set to OFF, the unit will stop any activity. If an alert has already been started, it may take a few moments for the sequence to end (as with all mobile equipment, the modem must register a disconnect from the mobile phone network first).

If the call from Poacher Catcher is not answered and does not go to a voicemail, there is **no charge** made to the SIM Card. If the call is ignored, your SIM card credit will not be affected.

Note that you should make sure that the receiving phone does not switch to 'Voice Message' automatically, as this will register as a received call. Poacher Catcher has been set to ring for a limited time to reduce the risk of the call going through to voicemail.

Text (SMS) messages are charged at the standard network rate and if this option is enabled, you should make sure that you monitor the remaining SIM credit diligently.

Poacher Catcher is normally supplied with a 'Pay as you Go' SIM Card. It is the user's responsibility to ensure that the card is kept in credit and that a paid-for call is made at least once every three months.

If your credit falls below £2.00, Poacher Catcher will send you a text message when put on charge or if an alert is sent. Please note that this only applies to SIM cards provided by O2 and Vodafone. **Orange & T-mobile do not support this feature.**

Although Poacher Catcher can run on stand-by for up to three months on a single charge, each time a phone alert or text message is sent, the battery will be slightly depleted. Depending on usage, it may be necessary to recharge more frequently to ensure reliable operation at all times.

Time for charge from fully discharged to fully charged is typically 10 hours.

Notes:

1. Poacher Catcher is waterproof. To ensure it remains waterproof, the rubber bung provided for the charger socket must be used.
2. This unit incorporates mobile phone technology. Do not mount the unit on or in a metal container or a wall with metal fittings embedded as this may affect the transmission capability of the system.

Setting the Programmed Phone Numbers

Important: When on charge Poacher Catcher checks for messages once a minute. However on battery power it will check for messages at approximately 12.00noon each day.

If you are going to send any of the following updates to your Poacher Catcher, we recommend that you do so while charging so that the updates are registered immediately.

The phone number(s) that Poacher Catcher will call when an alert is triggered will probably have been preset for you when you placed your order.

The phone numbers for ringing alerts are programmed into Poacher Catcher by sending a text (SMS) message direct to the unit. The form of the message is important and must be as shown below. The 4 phone-book entries (A, B, C & D) for ringing alerts are set as follows:

PBA+44xxxxxxxxxxpba for Phone-Book entry 'A'
PBB+44xxxxxxxxxxpbb for Phone-Book entry 'B'
PBC+44xxxxxxxxxxpbc for Phone-Book entry 'C'
PBD+44xxxxxxxxxxpbd for Phone-Book entry 'D'

xxxxxxxx is the required phone number to call without the leading zero.

Note that there are no spaces between any of the letters or numbers and the specific use of UPPER & lower case letters.

Example: To set the phone number **07775 602766** for a ringing alert in phone-book entry 'A', send this text message to the Poacher Catcher:-

PBA+447775602766pba

The phone numbers for text alerts are programmed into Poacher Catcher in a similar way. The 4phone-book entries (J, K, L & M) for text (SMS) alerts are set as follows:

PBF+44xxxxxxxxxxpbf for Phone-Book entry 'F'
PBG+44xxxxxxxxxxpbg for Phone-Book entry 'G'
PBH+44xxxxxxxxxxpbh for Phone-Book entry 'H'
PBI+44xxxxxxxxxxpbi for Phone-Book entry 'I'

Deleting a Programmed Phone Number

To delete a phone number from the phone book, send a message like this to the Poacher Catcher, using 5 zeros as the phone number:

PBA00000pba

Do not send any other messages to Poacher Catcher as you may interfere with the normal operation of the system.

Setting the Clock and Timer

Clock: The Poacher Catcher has an internal clock which will be set accurately before despatch. However on rare occasions this clock may need re-setting (this happens occasionally if the battery completely runs flat). It also does **not** update automatically when the time changes in Autumn and Spring.

To reset the internal clock, the Poacher Catcher must be on charge in an area with good mobile phone signal. The Poacher Catcher will set it's clock to the time the following text is **sent**.

Send this text message to the phone number of the Poacher Catcher:

Settime

You will then receive a status report back from the Poacher Catcher confirming the updated time.

Timer: It is possible to control the operation of the Poacher Catcher via an internal timer.

The Poacher Catcher can be set to be active within one or two time ranges within the 24 hour day. These settings are optional and the default setting is ON for 24 hours a day.

Poacher Catcher has two active time ranges 'A' & 'B' which can be set via text message. The time ranges that you set determine the time during which Poacher Catcher will be **ON and active**. Usually you only need to set time range 'A'

1. Setting ON time range 'A'

Example:

To set the active or ON period for range 'A' to between 7pm and 6am, send this text to the phone number of Poacher Catcher:

OTA19:00to06:00ota

- 19:00to06:00 is the new ON period 'A' range in 24 hour format
- The word '**to**' must be between the ON time and OFF time and may be upper or lower case and there must be **no spaces** between any of the letters or numbers

You will receive a response as detailed below.

2. Setting ON time range 'B'

This is only used if you want a second active time period

Example:

To set the active or ON period for range 'B' to between 11am and 1pm, send these times to the phone number of Poacher Catcher:

OTB11:00to13:00otb

- 11:00to13:00 is the new ON time 'B' range in 24 hour format

Switching the unit OFF / ON remotely

To remotely switch your Poacher Catcher OFF send this text message to the phone number of the Poacher Catcher

Disable

This prevents Poacher Catcher from sending alerts regardless of the timer settings and any activity. Poacher Catcher will remain disabled until you send the 'Enable' command.

To remotely switch your Poacher catcher ON send this text message to the phone number of the Poacher Catcher

Enable

This puts Poacher Catcher back into normal operation so that it will respond to alerts again. Note that with Poacher Catcher enabled, On & Off times will be governed by the timer settings described on page 6.

The word Disable or Enable may be in UPPER or lower case or a combination.

Status Reports

You can check the current phonebook settings by sending the following text to the phone number of Poacher Catcher

Phonebook

You will receive a response as detailed below.

You can also check the Poacher Catcher battery life, SIM card credit, mobile phone signal and timer settings by sending the following text to Poacher Catcher

Status

These commands are not case sensitive.

Please note that Poacher Catcher will not respond immediately when on battery power (see information on page 5)

Phonebook

A typical response may look like this:

Poacher Catcher Phonebook:

PBA: +44xxxxxxxxxx

PBB: +44yyyyyyyyyy

Status

A typical response may look like this:

Poacher Catcher Status:

12:27

Credit = £10.61

Battery: 100%

02 Signal Good

OTA = 19:00to06.00

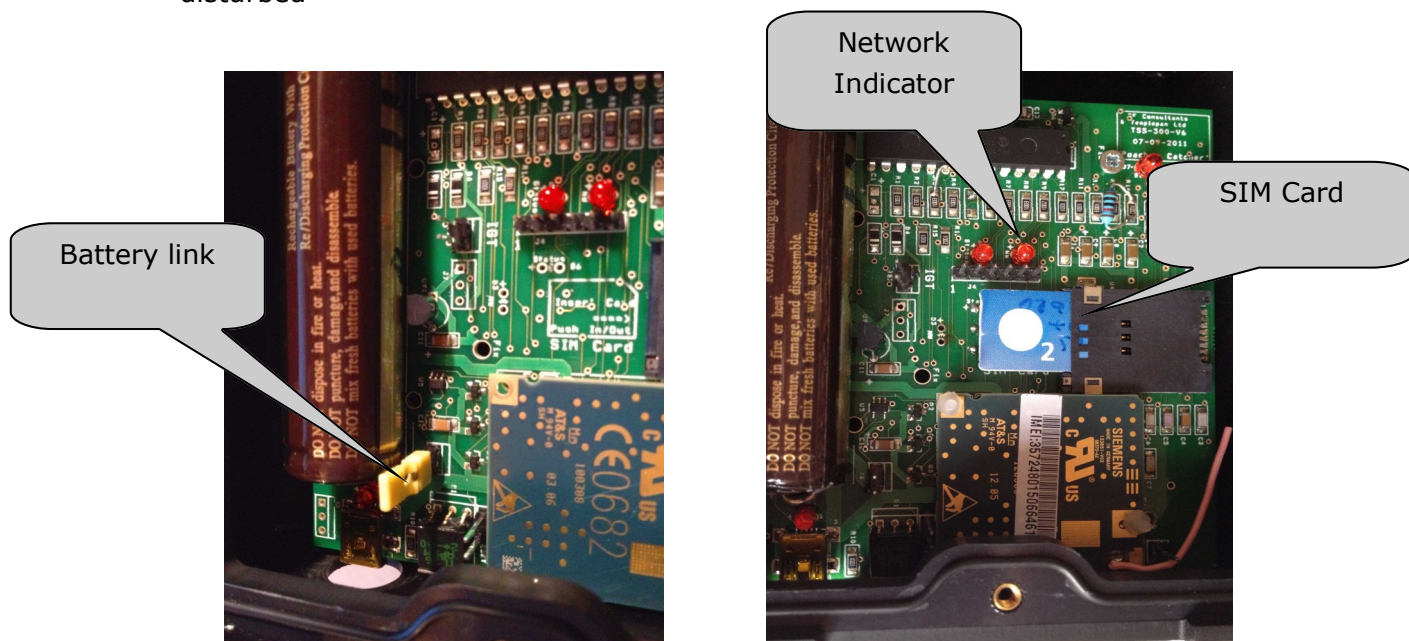
OTB = 00:00to00:00

Alerts enabled

Changing The Installed SIM Card

Poacher Catcher is normally supplied with a pre-programmed 'Pay as you Go' SIM card. Should it become appropriate to change the SIM card for any reason (e.g. to switch to a more suitable network), the procedure described below must be followed in order to ensure that the new SIM card has the correct information set for Poacher Catcher to function properly.

1. Switch off Poacher Catcher and unplug the charger.
2. Remove the back cover by unscrewing the 6 small screws
3. Carefully remove the battery link by pulling it upwards off two metal pins
4. Eject the current SIM card by pushing it in slightly until it clicks. Release the pressure and it will then spring out so that you can remove it
5. Insert the new card as shown on the picture printed on top of the holder. Push it in until it clicks and locks into place
6. Replace the battery link
7. Place the back cover back on the box making sure that no components are trapped or disturbed



Poacher Catcher needs to register with the new network:

1. Make sure the Poacher Catcher control switch is set to the Stand-By (OFF) position (see page 2).
2. Connect the charger to Poacher Catcher.
3. Poacher Catcher will find the new network automatically.
4. If you have sent new data to Poacher Catcher, wait about 5 minutes for the updates to complete.
5. Test Poacher Catcher to check that all is OK.

Topping up credit on the P.A.Y.G. SIM Cards

Depending upon usage, the Poacher Catcher SIM card will periodically need topping up with a suitable amount of credit.

If the credit for the SIM card inside Poacher Catcher falls below about £2.00, Poacher Catcher will automatically send a text message to the first person in the stored phonebook, to let them know it is time to add credit to the card. (Orange /T-mobile do not support this facility).

An activated Top-Up card will have been included in the package. To use the Top-Up swipe card, all that needs to be done is to take the card to any retailer displaying the Top-up sign and ask for a top up.

Most supermarkets, garages and corner shops offer this facility.

This is the simplest way. Alternatively:

1. Vodafone:

Top-up using the internet, **<https://online.vodafone.co.uk>**

2. O2:

Top-up using the internet, **<https://registration.o2.co.uk>**

or Top-up by phone using this number: **08456 062 277** from a landline.

3. Orange:

Top-up using the internet, **<https://www.youraccount.orange.co.uk>**

or Top-up by phone using this number: **07973 100 450** enter the Poacher Catcher phone number, select option #3 followed by option #1

4. T-mobile

Top-up using the internet, **<https://www.t-mobile.co.uk>**

Orange and T-mobile do not support the facility for Poacher Catcher to automatically check remaining credit and alert you if the level becomes low.

When topping up your SIM card via the internet or phone, please make sure you have the Poacher Catcher number to hand together with your debit or credit card details.

Frequently Asked Questions (FAQs)

Will animals activate Poacher Catcher

When positioned correctly at about 1.5M high, most small animals will go undetected.

Can Poacher Catcher call any number, including land lines

Yes. Up to 4 numbers can be programmed. These can be land line or mobile numbers and will be called sequentially.

How soon should I receive the alert?

Ringin alerts should be received within **30** seconds.

Will intruders realise they have activated the Poacher Catcher

No. Poacher Catcher is completely silent with no visible lights.

How do I know when the SIM card credit is running low

When credit is less that £2 Poacher Catcher will send a text to the first programmed number.

I only want Poacher Catcher to work at night – does it have a timer

Yes. Poacher Catcher has an inbuilt timer which can be programmed via text message. See page 6

Can I turn on/off Poacher Catcher remotely

Yes. This is activated by text message. See page 7

Does Poacher Catcher operate in all temperatures

Yes. Poacher Catcher has been tested at temperatures as low as -15°C and high as 40°C.

Does it matter which way up I position Poacher Catcher

No. It will operate in any position.

How do I top-up my SIM card credit

You can top up using the internet, over the phone or by using the Top-Up Swipe Card sent with your Poacher Catcher. This is registered to the Poacher Catcher SIM card which can be topped up at any outlet displaying the Mobile Top-Up sign.

Does the Poacher Catcher update when the clocks change from GMT to BST and vice versa?

No. If your Poacher Catcher uses a timer, you will need to update the clock using the text command described on page 6

If you have set your Poacher Catcher to also send text messages, these will be sent immediately after the ringing alerts. However, heavy network traffic sometimes delays the delivery of text messages and although the majority are delivered promptly, it cannot be guaranteed.

Troubleshooting

How do I know Poacher Catcher is positioned correctly

Poacher Catcher has a 'walk-test' light (see 'Quick Set-Up Guide' on page 3). When first placed in position and switched on, you have a Walk-test period of at least 30 seconds to test the position before Poacher Catcher connects to the network and becomes 'live'.

You should do the 'walk-test' in the area in which you wish intruders to be detected. This is done by deliberately trying to activate Poacher Catcher. If the light goes on when you do this walk-test, you have been detected by the Poacher Catcher and it is positioned correctly.

How do I know that my Poacher Catcher is connecting to the Network properly

Poacher Catcher has a network light positioned inside the unit. To view this you will need to unscrew the back plate and the light is positioned as shown on page 8. When connected to the mobile phone network, the network light should flash briefly every two seconds. If it flashes continuously, no connection has been made.

Please note that whilst on battery power Poacher Catcher will only try to connect to the mobile phone network when the sensor is activated. On mains power, Poacher Catcher is always connected to the network.

If the Network light indicates that Poacher Catcher is not connecting to the network you should check the following:

a: Is there a network signal in this area? Check with a normal mobile phone on the same network.

b: Has your SIM card got adequate credit?

To summarise:

- Slow & even flashes every second; Poacher Catcher is searching for a network.
- A brief flash every two seconds; Poacher Catcher has connected.

Poacher Catcher is connecting to the network but no alerts are received.

After the initial Walk-Test period, if your Poacher Catcher does not make a call when activated, it is likely that an incorrect number has been programmed.

Refer to page 5 to re-programme the correct phone number.

If you are in doubt, place your Poacher Catcher on charge in an area where you have a good mobile phone signal and send your Poacher Catcher the **status** or **phonebook** text (see page 7). You will then receive a response with all the programmable details for Poacher Catcher.

If still in doubt please contact the supplier.

Caring for your Poacher Catcher

Use a soft, dry cloth to gently wipe the Poacher Catcher clean. Never use abrasive cleaners or organic solvents which may damage certain parts. Treat the unit with care and avoid spillage or leakage of liquids into the case. Special care should be taken to avoid liquid entering via the connection sockets. Do not use or leave the Poacher Catcher in direct sunlight. It is best to avoid locations where excessive heat, humidity, dust and vibration are expected. Always keep Poacher Catcher free from dust and moisture. Only use the power pack supplied with the Poacher Catcher. Use of any other supply may invalidate your warranty, may damage the unit or could be hazardous.

There are no internal operator adjustments. In the unlikely event of servicing being required, please contact your supplier for technical assistance.

Technical Specification

Charger Input:	100VAC to 240VAC 0.6A 50Hz to 60Hz
Safety	Approved to TUV CE UL CUL.
Alerts	Silent voice call to one primary and up to 3 additional recipients. SMS (Text Message) to one primary and up to 3 additional recipients
Range	Over 8m (up to 10m) with an elliptical viewing angle of approximately 40° horizontally and 20° vertically
Battery	Lithium-Ion. Standby typically 3-months
Size	11cm x 10.8cm x 5cm (excluding screw plate)
Weight	235g

Specification quoted is typical but not guaranteed and is subject to change without notice due to continuous development of the product. In line with their policy of continual development, AKStevenson Ltd reserves the right to improve or amend any part of the specification without notice.

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